

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/693,419
				Filing Date	10-23-2003
				First Named Inventor	WALTON; J. Rodney
				Art Unit	2467
				Examiner Name	Marcus SMITH
Sheet	1	of	5	Attorney Docket No: 020554	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	001	US5859875	01-12-1999	KATO; Hideki et al.	
	002	US5883887	03-16-1999	TAKE; Keijiro et al.	
	003	US6067290	05-23-2000	PAULRAJ; Arogyaswami J. et al.	
	004	US6711121	03-23-2004	GERAKOULIS; Diakoumis Parissis et al.	
	005	US6842460	01-11-2005	OLKKONEN; Mikko et al.	
	006	US7002900	02-21-2006	WALTON; J. Rodney et al.	
	007	US7042858	05-09-2006	MA; Jianglei et al.	
	008	US7054378	05-30-2006	WALTON; Jay R. et al.	
	009	US7076263	07-11-2006	MEDVEDEV; Irina et al.	
	010	US7095722	08-22-2006	WALKE; Bernhard et al.	
	011	US7221956	05-22-2007	MEDVEDEV; Irina et al.	
	012	US7280467	10-09-2007	SMEE; John et al.	
	013	US7466749	12-16-2008	MEDVEDEV; Irina et al.	
	014	US7606319	10-20-2009	ZHANG; Jianzhong et al.	
	015	US7885228	02-08-2011	WALTON; Jay Rod et al.	
	016	US8134976	03-13-2012	WALLACE; Mark S. et al.	
	017	US8145179	03-27-2012	WALTON; J. Rodney et al.	
	018	US8169944	05-01-2012	WALTON; J. Rodney et al.	
	019	US8170513	05-01-2012	WALTON; J. Rodney et al.	
	020	US20030103584	06-05-2003	BJERKE; Bjorn A. et al.	
	021	US20040017785	01-29-2004	ZELST; Allert Van	

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		Number-Kind Code <sup>2</sup> (if known)			
	022	US20040081131	04-29-2004	WALTON; Jay Rod et al.	
	023	US20060018247	01-26-2006	DRIESEN; Bas et al.	
	024	US20060039275	02-23-2006	WALTON; J. Rodney et al.	
	025	US20060285605	12-21-2006	WALTON; Jay Rodney et al.	
	026	US20090129454	05-21-2009	MEDVEDEV; Irina et al.	
	027	US20100208841	08-19-2010	WALTON; J. Rodney et al.	
	028	US20110235744	09-29-2011	KETCHUM; John W. et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	029	CN1298266A	06-06-2001	SANYO ELECTRIC CO.		<input checked="" type="checkbox"/>
	030	CN1314037A	09-19-2001	ERICSSON TELEFON AB L M PUBL [SE]		<input checked="" type="checkbox"/>
	031	JP10051402A	02-20-1998	NEC CORP .		<input checked="" type="checkbox"/>
	032	JP11317723A	11-16-1999	MOTOROLA INC.		<input checked="" type="checkbox"/>
	033	JP2001510668A	07-31-2001	NOKIA TELECOMMUNICATIONS OY [FI]		<input checked="" type="checkbox"/>
	034	JP2002510932A	04-09-2002	MOTOROLA INC [US]		<input checked="" type="checkbox"/>
	035	JP2002514033A	05-14-2002	ARRAYCOMM INC [US]		<input checked="" type="checkbox"/>

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	036	WO0163775A2	08-30-2001	SIEMENS INF & COMM NETWORKS [IT], et al.		<input type="checkbox"/>
	037	WO0195531A2	12-13-2001	IOSPAN WIRELESS INC [US]		<input type="checkbox"/>
	038	WO02075955A1	09-26-2002	QUALCOMM INC [US]		<input type="checkbox"/>
	039	WO9929049A2	06-10-1999	NOKIA TELECOMMUNICATIONS OY [FI], et al.		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
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	040	3 rd Generation Partnership Project (3GPP); Technical Specification Group (TSG); Radio Access Network (RAN); RF requirements f o r 1.28Mcps UTRA TDD option", 3GPP STANDARD; 3G TR 25.945, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX; FRANCE, no. V2.0.0, 20 December 2000 (2000-12-20), pages 1-144, XP050400193, [retrieved on 2000-12-20], page 126.	<input type="checkbox"/>
	041	3rd Generation Parthership Project ; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specifiation (Release 5 ) " , 3GPP STANDARD; 3GPP TS 25.331, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX; FRANCE, no. V5.2.0, 1 September 2002 (2002-09-01), pages 1-938, XP050367950, pages 124, 358 - page 370.	<input type="checkbox"/>
	042	"3rd Generation Partnership Project ; Technical Specification Group Radio Access 6-18, Network; Physical channels and mapping of 21-24 transport channels onto physical channels (TDD) (Release 5 ) " , 3GPP STANDARD; 3GPP TS 25.221, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no.	<input type="checkbox"/>

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		V5.2.0, 1 September 2002 (2002-09-01), pages 1-97, XP050366967.		
	043	European Search Report - EP10174926 - Search Authority - Munich - 2012-05-14 (020554EPD3D1).		<input type="checkbox"/>
	044	European Search Report - EP10180324 - Search Authority - Munich - 2012-05-10 (020554EPD3D3).		<input type="checkbox"/>
	045	HEATH et al., "Multiuser diversity for MIMO wireless systems with linear receivers", Conference Record of the 35th Asilomar Conference on Signals, Systems, & Computers, 4 November 2001, pages 1194-1199, vol. 2, IEEE, XP010582229, DOI: 10.1109/ACSSC.2001.987680, ISBN: 978-0-7803-7147-7.		<input type="checkbox"/>
	046	SAMPATH et al., "A Fourth-Generation MIMO-OFDM Broadband Wireless System: Design, Performance and Field Trial Results", IEEE Communications Magazine, 1 September 2002, pages 143-149, vol. 40, no. 9, IEEE Service Center, XP011092922, ISSN: 0163-6804, DOI: 10.1109/MCOM.2002.1031841.		<input type="checkbox"/>

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